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NAS WHITING FIELD
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LETTER OUTLINING CONDITIONAL PROCEDURES TO BEGIN WATER SUPPLY FROM
THE WEST WELLS NAS WHITING FIELD FL
3/3/1987
NAS WHITING FIELD



DEPARTMENT OF THE NAVY

COMMANDING OFFICER
NAVAL AIR STATION
WHITING FIELD
MILTON, FLORIDA 32570-5000

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Ser 18300/C354

Mar 3, 87

Mr. John A. Kintz, P.E.
Potable Water Engineer
State of Florida
Department of Environmental Regulation
Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Dear Mr. Kintz:

During a meeting on February 13, 1987 with Mr. Otto Prochaska of DER, Mr. Danny Locklear of NAS Whiting Field, Dr. Lloyd Robinson of Hendon Engineering Associates, Inc., and yourself, we indicated our desire to reactivate the west water well. This well has not been used for water supply since a phone call from your office on 25 September 1986 and a confirming letter dated 26 September 1986 indicated the presence of trichloroethylene in excess of the maximum contaminant level (MCL) of 3 micrograms per liter as specified in the Florida Administrative Code, Chapter 17-22, "Public Drinking Water Systems," Section 17-22.104(1)(g), "Volatile Organics."

Samples taken from the west well on 10 December 1986 after a 20-minute pumping period and on 9 January 1987 after a 45-minute pumping period were analyzed and found to contain only trace amounts of trichloroethylene. It is therefore requested that DER authorize reactivation of this well under the conditions outlined below. Conditional procedures numbers one through four as follows will begin on Monday, March 2, 1987.

1. The well will be pumped to waste daily for a period of 14 days on a pumping schedule approximating the time-of-operation and flow volume during the same time period of the in-service north potable water supply well.
2. At the end of the 14-day period, the west well water will be tested for trichloroethylene.
3. The well will continue pumping to waste for an additional 7 days on the same schedule.
4. The west well water will again be tested for trichloroethylene.
5. If the trichloroethylene concentration of the west well is found to be less than 1 microgram per liter in both samples, and as soon as authorization from DER is received, the well will be reactivated subject to the following conditions:



a. Operate the west well on a regular rotation schedule with the north well.

b. Analyze a sample for trichloroethylene after each 1,000,000 gallons of water is pumped into the water distribution system for a period of 30 days and obtain analytical results within 24 hours. Report findings to DER by phone followed by confirming letter.

c. After 30 days, analyze a sample for trichloroethylene every 2 weeks for a period of 60 days and report as above.

d. After 90 days, analyze a sample for trichloroethylene every 30 days and report as above.

e. Every 90 days, analyze a sample for all regulated organic chemicals and report to DER as soon as the analysis becomes available.

f. Should any sample be found to contain in excess of 2 micrograms per liter of trichloroethylene or exceed any organic chemical MCL, the well will be immediately removed from the distribution system and 1,000,000 gallons pumped to waste.

g. If a sample taken after the above pumping period is found to be within the above limits, the well will be returned to service but the sampling schedule will revert to the sequence described in (b) above.

h. If the sample taken in accordance with (g) above is found to exceed any of the limits set forth in (f), the well will be removed from service until appropriate treatment facilities are installed.

Should you have any questions concerning this request, please contact Mr. Danny Locklear at NAS Whiting Field, (904) 623-7181.

Sincerely,

R. A. KECHTER
Commander, U.S. Navy
By direction of the
Commanding Officer